(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 31 August 2000 (31.08.2000)

PCT

(10) International Publication Number WO 00/50117 A3

(51) International Patent Classification⁷: C07D 487/22, A61K 31/40

(21) International Application Number: PCT/US00/04915

(22) International Filing Date: 25 February 2000 (25.02.2000)

(25) Filing Language:

English

(26) Publication Language:

English

US

(30) Priority Data: 60/122,097 26 February 1999 (26.02.1999)

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- (81) Designated States (national): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

With international search report.

(88) Date of publication of the international search report:

30 November 2000

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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(54) Title: COMPOUNDS, COMPOSITIONS, AND METHODS FOR PHOTODYNAMIC THERAPY

(57) Abstract: Disclosed are novel compounds, compositions, and methods that are particularly useful in photodynamic therapy. In particular, the inventive compounds, compositions, and methods relate to the formation of cytotoxic radical species in the presence of light. Significantly, the compounds, compositions, and methods of the present invention do not require the presence of oxygen in the photodynamic therapy and, as such, rely on a unimolecular mechanism for producing the radicals. The inventive compounds, compositions, and methods can be used, for example, in the treatment of cancers as well as infections caused by microorganisms such as protozoa, fungi, bacteria, and viruses.



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